



PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/604,022
Filing Date	June 23, 2003
First Named Inventor	Jonathan M. Collins et al.
Art Unit	1646
Examiner Name	
Attorney Docket Number	1700.129

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
mmc6	1	US- 2004/0020923 A1	02-05-2004	Collins et al.	
	2	US- 2003/0199099 A1	10-23-2003	King et al.	
	3	US- 2003/0089706 A1	05-15-2003	Jennings	
	4	US- 2002/0117498 A1	08-29-2002	Jennings	
mmc6	5	US- 6,288,379 B1	09-11-2001	Greene et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

Examiner Signature	<i>Marla M. Gordon Jones</i>	Date Considered	09/02/05
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Substitute for form 1449B/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/604,022
				Filing Date	June 23, 2003
				First Named Inventor	Jonathan M. Collins et al.
				Art Unit	1646
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	1700.129

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MMCL	6	HUI-MING YU et al., Enhanced Coupling Efficiency in Solid-Phase Peptide Synthesis by Microwave Irradiation, The Journal of Organic Chemistry, August 28, 1992, pages 4781-4785, Vol. 57, No. 18, American Chemical Society, 1992	
	7	MATE ERDELYI et al., Rapid Microwave-Assisted Solid Phase Peptide Synthesis; Synthesis 2002, August 22, 2002, pages 1592-1596, No. 11	
	8	SHUI-TEIN CHEN et al., The Studies of Microwave Effects on the Chemical Reactions, Journal of the Chinese Chemical Society, 1997, pages 169-182, Vol. 44, No. 3	
	9	SHUI-TEIN CHEN et al., Enhancement of Chemical Reactions by Microwave Irradiation; Journal of the Chinese Chemical Society, 1991, pages 85-91, Vol. 38, No. 1; Only 1 page Abstract enclosed	
	10	HERNANDO J. OLIVOS et al., Microwave-Assisted Solid-Phase Synthesis of Peptoids, Organic Letters, 2002, pages 4057-4059, Vol. 4, No. 23, 2002 American Chemical Society	
	11	N.S. RAO et al., Microwave Assisted High Yielding Preparation of N-Protected 2-Deoxyribonucleosides Useful for Oligonucleotide Synthesis, Nucleosides, Nucleotides & Nucleic Acids, 2002, pages 393-400, Vol. 21 (4&5), Marcel Dekker, Inc., New York	
	12	CLAIRE M. COLEMAN et al., Microwave Parallel Library Generation: Comparison of a Conventional and Microwave-Generated Substituted 4(5)-Sulfanyl-1H-imidazole Library, J. Comb. Chem., 2002, pages 87-93, Vol. 4, American Chemical Society	
	13	Fluorous Technology in Discovery Applications, Fluorous Technologies, Inc., 2002-2003, <a href="http://fluorous.com/scavenging.html">http://fluorous.com/scavenging.html</a> , 3 pages	
	14	LOUIS CARPINO, Principal Research Interests, Department of Chemistry - Faculty Research Areas - Louis Carpino, University of Massachusetts, <a href="http://www.chem.umass.edu/Carpino/carpino.html">http://www.chem.umass.edu/Carpino/carpino.html</a> 2 pages	
	MMCL	15	Chemical Synthesis of Peptides, KVL, <a href="http://www.kemi.kvl.dk/~prh/html/research.htm">http://www.kemi.kvl.dk/~prh/html/research.htm</a> , 9 pages

Examiner Signature	<i>Manuela M. Cordes Garcia</i>	Date Considered	09/02/05
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Examiner Signature	<i>Maule M Cordew Jones</i>	Date Considered	<i>09/02/05</i>
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	2
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<b>Filing Date</b>	June 23, 2003
<b>First Named Inventor</b>	Jonathan M. Collins et al.
<b>Art Unit</b>	1646
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	1700.129

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**Examiner  
Signature**

Date	
Considered	

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Sheet	2	of	2	Attorney Docket Number	1700.129

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MmC6	2	ERDELYI, M. et al., "Rapid Microwave-assisted Solid Phase Peptide Synthesis," Synthesis 2002 Germany, No. 11, 2002, pp. 1592-1596, XP001183827	
	3	YU, H-M et al., "Enhanced Coupling Efficiency in Solid-Phase Peptide Synthesis by Microwave Irradiation," Journal of Organic Chemistry, Vol. 57, No. 18, 1992, pp. 4781-4784, XP002299119,	
	4	SANTAGADA, VINCENZO et al., "Microwave-Enhanced Solution Coupling of the Alpha, Alpha-dialkyl Amino Acid, Aib," Tetrahedron Letters, Vol. 42, No. 31, 30 July 2001, pp. 5171-5173, XP002299120,	
	5	DAGA, M. C. et al., "Rapid Microwave-Assisted Deprotection of N-Cbz and N-Bn Derivatives," Tetrahedron Letters, 30 July 2001 United Kingdom, Vol. 42, No. 31, pp. 5191-5194, XP002299121,	
MmC6	6	COLLINS, J. M. et al., "Novel Method for Enhanced Solid Phase Peptide Synthesis Using Microwave Energy," Biopolymers, Vol. 71, No. 3, 2003, p. 361, XP002299122	

Examiner Signature	<i>Mauro M Cordova Garcia</i>	Date Considered	09/02/05
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